



Product: [8645MN](#)

SpaceMaker™, 5 C #24 Str TC, PO Ins, OS, PVC Jkt, AWM 2937

Product Description

SpaceMaker™, 5 Conductor 24AWG (10x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, AWM 2937

Technical Specifications

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 5 | 24 | 10x34 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------|--------------------|--------------------------|--|
| Conductor(s) | PP - Polypropylene | 0.010 in (0.25 mm) | 0.043 in (1.1 mm) | Black, White, Red, Dark Green, Brown, Blue, Orange |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 24 AWG (19x36) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.152 in |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.151 in (3.84 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|------------------------------|
| 27.7 Ohm/1000ft | 19 pF/ft (62 pF/m) | 3 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|---------------|
| 80°C | -20°C To 80°C |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 31 lbs (14 kg) |
| Bulk Cable Weight: | 14 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|-------------|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | FT2 |
| NEC / UL Compliance: | Article 800 |

| | |
|--------------------------------|---|
| AWM Compliance: | AWM 2937 |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.42 Revision Date: 05-05-2023 |
|----------------------|---|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------------|------------|----------|--------------|
| 8645MN 006100 | Blue, Light | Reel | 100 ft | 612825426578 |
| 8645MN 0061000 | Blue, Light | Reel | 1,000 ft | 612825426585 |
| 8645MN 008100 | Gray | Reel | 100 ft | 612825426592 |
| 8645MN 0081000 | Gray | Reel | 1,000 ft | 612825426608 |
| 8645MN 004100 | Yellow | Reel | 100 ft | 612825426554 |
| 8645MN 0041000 | Yellow | Reel | 1,000 ft | 612825426561 |

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